

RECEIVED OFFICE OF THE COMMISSIONER OF PATENTS JAN 07 2004 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/672,680
				Filing Date	September 26, 2003
				Confirmation Number	9809
				First Named Inventor	Ng et al.
				Group Art Unit	1614
				Examiner Name	not yet assigned
Sheet	1	of	4	Attorney Docket No.	PHA 4200.1 (3090/5A)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
B/B	1	3,053,856		Payne et al.	09-11-1962
	2	3,200,113		Christiansen et al.	08-10-1965
	3	3,300,489		Holden	01-24-1967
	4	3,413,288		Creger	11-26-1968
	5	3,759,791		Marsheck	09-18-1973
	6	3,897,417		Warnant et al.	07-29-1975
	7	3,972,878		Schirmann et al.	08-03-1976
	8	4,096,219		Weier	01-17-1978
	9	4,118,488		Philippson et al.	10-03-1978
	10	4,270,994		Behling	06-02-1981
	11	4,559,332		Grob et al.	12-17-1985
	12	5,565,588		Batist et al.	10-15-1996
S/B	13	5,616,742		Fu et al.	04-01-1997

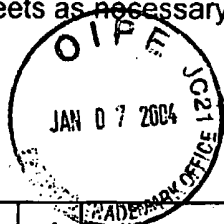
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FOREIGN PATENT DOCUMENTS							
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		Office	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
BB	14	DE	2349022		Schering AG	04-10-1975	
	15	DE	2404947		Roussel UCLAF	08-08-1974	
	16	DE	2443746		Searle & Co.	03-20-1975	
	17	DE	2932925		Gist Brocades NV	02-28-1980	
	18	EP	0122232	A1	Ciba Geigy AG	10-17-1984	
	19	EP	0123734	A1	Gist Brocades NV	11-07-1984	
	20	EP	0165902	A1	Ciba Geigy AG	12-27-1985	
BB	21	WO	97/21720		Searle & Co.	06-19-1997	
OTHER ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.					T <sup>6</sup>
BB	22	Abstract 084228, "Hydroxylated Androstane Production From Sterols", Chemical Abstracts, March 12, 1984, pages 430, Volume 100, Number 11					
	23	ARIAS, L. et al., "Epoxidation of Alkenes with Trichloroacetonitrile/Hydrogen Peroxide in a Neutral Biphasic Solvent System", <i>Journal of Organic Chemistry</i> , 1983, pages 888-890, Volume 48					
BB	24	BROWN, Edward A. et al., "Steroidal Aldosterone Bleckers III", <i>Journal of Organic Chemistry</i> , 1960, pages 96-99, Volume 25, Number 1					

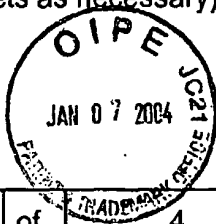
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BB	25	BROWN, Edward A. et al., "Steroidal Aldosterone Blockers VII", <i>Journal of Medicinal Chemistry</i> , 1963, pages 732-735, Volume 6	
	26	CARRUTHERS, N. et al., "Synthesis of Corticoids from 9 $\alpha$ -Hydroxyandrost-4-ene-8,17-dione", <i>Journal of Organic Chemistry</i> , 1992, pages 961-965, Volume 57	
	27	CHRISTIANSEN, R. et al., "The Reaction of Steroidal 4,6-dien-3-ones with Cyanide", <i>Steroids</i> , June 1963, pages 620-627, Volume 1, Number 6	
	28	Database WPI, Section Ch, Week 8145, Derwent Publications, Ltd., London, GB, Class B01, AN 81-82258D	
	29	DEGASPARO, M. et al., "Antialdosterones: Incidence and Prevention of Sexual Side Effects", <i>Journal of Steroid Biochemistry</i> , 1989, pages 223-227, Volume 32, Number 13	
	30	DEGASPARO, M. et al., "Three New Epoxy-Spirolactone Derivatives: Characterization <i>in Vivo</i> and <i>in Vitro</i> ", <i>The Journal of Pharmacology and Experimental Therapeutics</i> , 1987, pages 650-656, Volume 240, Number 2	
	31	DESHAYES, C.M.P., "Utilisation De Modèles Mathématiques Pour l'optimisation En Fermentation. Applications Aux Transformations Par Les Micro-organismes", <i>Bulletin De La Société Chimique De France 2 Partie - Chimie Organique, Biochimie</i> , May 18, 1979, pages 24-34, Number 1-2	
	32	GABRIEL, S., "Condensationsprodukte aus Phtalsäureanhydrid", <i>Ber.</i> , 1884, pages 1389-1396	
	33	GROB, J. et al., "Steroidal, Aldosterone Antagonists Increased Selectivity of 9 $\alpha$ , 11-Epoxy Derivatives", <i>Helvetica Chimica Acta</i> , March 24, 1997, pages 566-585, Volume 80, Number 2	
	34	HELLBERG, L.H. et al., "5 $\alpha$ -Hydroxy-3 $\alpha$ -Cholestanecarboxylic Lactone", <i>OPPI Briefs</i> , 1983, pages 154-156, Volume 15, Number 3	
	35	NAGATA, W. et al., "Angular-Substituted Polycyclic Compounds. I. Cyanation of $\Delta$ -Cholesten-3-one", <i>Journal of Organic Chemistry</i> , 1961, pages 2413-2420, Volume 26	
BB	36	NAGATA, W. et al., "Hydrocyanation, VI. Application of the New Hydrocyanation Methods to Conjugate Hydrocyanation of $\alpha,\beta$ -Unsaturated Ketones, Conjugated Dienones, and Conjugated Enamines and to Preparation of $\alpha$ -Cyanohydrins", <i>Journal of the American Chemical Society</i> , 1972, pages 4654-4672, Volume 94:13	

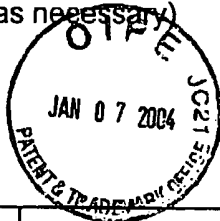
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BB	37	NICKISCH, K. et al., "Aldosterone Antagonists. 3. Synthesis and Activities of Steroidal 7 $\alpha$ -(Aldoxycarbonyl)-15,16-Methylene Spirolactones", <i>Journal of Medicinal Chemistry</i> , February 1990, pages 509-513, Volume 33, Number 2	
	38	OGATA, "The Kinetics of the Phosphate/Catalyzed Epoxidation of Styrenes with a Mixture of Nitrile & Hydrogen Peroxide", <i>Bull. Chem. Soc. of Japan</i> , 1965, pages 194-199, Volume 38, Number 2	
	39	OGATA, Y. et al., "The Alkali Phosphate-Catalyzed Epoxidation and Oxidation by a mixture of Nitrile and Hydrogen Peroxide", <i>Tetrahedron</i> , 1964, pages 2065-2068, Volume 20	
	40	PAYNE, G. et al., "Reactions of Hydrogen Peroxide, VII. Alkali-Catalyzed Epoxidation and Oxidation Using a Nitrile as Co-reactant", <i>Journal of Organic Chemistry</i> , 1961, pages 659-663, Volume 26	
	41	PETERSON, D.H. et al., "Microbiological Transformations of Steroids. VI. Preparation of 11 $\alpha$ -Hydroxy-6-dehydroprogesterone", <i>Journal of the American Chemical Society</i> , January 29, 1953, pages 419-421, Volume 75, Number 2	
	42	TURNER, A.B. et al., "Applications of High-potential Quinones. Part I. The Mechanism of Dehydrogenation of Steroidal Ketones by 2,3 Dichloro-5,6-dicyanobenzoquinone", <i>Journal of the American Chemical Society</i> , 1967, pages 1720-1730	
	43	VAN LEUSEN, D. et al., "Chemistry of Sulfonylmethyl Isocyanides. 33. Synthesis of 17-(isocyanotosylmethylene) Steroids: Precursors to Pregnane Derivatives", <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , October 1991, pages 393-401, Volume 110, Number 10	
BB	44	WEIER, R.M. et al., "7 $\alpha$ -Carboalkoxy Steroidal Spirolactones as Aldosterone Antagonists", <i>Journal of Medicinal Chemistry</i> , August 1975, pages 817-821, Volume 18, Number 8	

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